

### **REMARKS**

Applicant hereby requests further consideration of the application in view of the amendments above and the comments that follow. This amendment is submitted in response to the final Office Action mailed January 17, 2007 ("the Action"). Claims 1-45 are pending in the application.

#### **I. The Allowed Claims**

Claims 20 and 23-32 are allowed.

#### **II. The §101 Rejections**

Claims 1-19, 21, 22 and 33-39 stand rejected under §101 for allegedly not having a physical transformation and/or a tangible result.

#### **III. The Interview**

Applicant acknowledges with appreciation the brief telephone interview with the Examiner on Wednesday, February 28, 2007, where the Examiner helpfully suggested that a recitation along the lines of that recited in Claim 20 would overcome the §101 rejections and that Applicant was invited to submit an After Final Amendment to address these rejections to place the application in condition for allowance.

#### **IV. Amendments**

Applicant has amended the claims hereinabove to recite a tangible result to place the application in condition for allowance. Applicant has also amended allowed Claim 32 to recite that lipoprotein constituents and/or groups of lipoprotein constituents in the sample undergoing analysis (*see, e.g.*, pp. 11-12 of the application).

Applicant has also amended Claims 40-45 to more clearly recite exemplary tangible results.

**CONCLUSION**

Accordingly, Applicant submits that the present application is in condition for allowance and the same is earnestly solicited. Should the Examiner have any matters outstanding of resolution, she is encouraged to telephone the undersigned at 919-854-1400 for expeditious handling.

Respectfully submitted,



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**CERTIFICATION OF TRANSMISSION**

I hereby certify that this correspondence is being transmitted electronically to the U.S. Patent and Trademark Office on March 2, 2007.

  
Rosa Lee Brinson